

Appl. No. 09/759,427

Response to Office Action of June 17, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An information processing device comprising:

a first terminal device;

a second terminal device;

a plurality of provision devices;

storage means for storing a first data including a the host name or node identifier of the first terminal device and a third data including the position of at least one of the provision devices, said provision devices providing a second data including a previous position and a the current position of the first terminal device;

receive means to receive a transmit request for the third data and the first data corresponding to the first terminal device, transmitted along with the host name or node identifier of the first terminal device from a second terminal device;

selection means to select the a-first data corresponding to the first terminal device stored in the storage means and to select the a-third data showing the position of at least one of the provision devices when the transmit request is received from the receive means;

a transmit means to transmit the first data and third data selected by the selection means, to the second terminal device; and

authentication means for authenticating,

wherein the second terminal device transmits a data packet to the first terminal device based on the second data stored by the provision device associated with the third data transmitted to the second terminal device.

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Claim 2 (currently amended): An information processing method for an information processing device for storing a first data for designating a first terminal device corresponding to a the host name or node identifier of the first terminal device, as well as for storing a third data showing the position of at least one of a plurality of provision devices, the provision devices providing a second data including a previous position and a the current position of the first terminal device, comprising:

receiving a transmit request for the third data and the first data corresponding to the first terminal device, transmitted along with the host name or node identifier of the first terminal device, from the second terminal device;

selecting the a-first data corresponding to the first terminal device stored in the storage means and the a-third data showing the position of at least one of the provision devices when the transmit request is received from a the receive means;

transmitting the first data and third data selected by the selection means, to the second terminal device; and

transmitting a data packet from the second terminal device to the first terminal device based on the second data stored by the provision device associated with the third data transmitted to the second terminal device.

Claim 3 (currently amended): A recording medium recorded with a computer-loadable information processing program of an information processing device for storing a first data for designating a first terminal device corresponding to a the host name or node identifier of the first terminal device, as well as for storing a third data showing the position of at least one of a plurality of provision devices, the provision devices providing a second data including a previous position and a the current position of the first terminal device, the method comprising:

receiving a transmit request for the third data and the first data corresponding to the first terminal device, transmitted along with the host name or node identifier of the first terminal device, from a the second terminal device;

selecting a first data corresponding to the first terminal device stored in the storage means and a third data showing the position of at least one of the provision devices when the transmit request is received from a the receive means;

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transmitting the first data and third data selected by the selection means, to the second terminal device; and

transmitting a data packet from the second terminal device to the first terminal device based on the second data stored by the provision device associated with the third data transmitted to the second terminal device.

Claim 4 (currently amended): An information processing device, comprising:

first transmit means for transmitting a transmit request for a second data showing a the position of at least one of a plurality of first provision devices, as well as a first data designating a terminal device, to a second provision device along with a the name or node identifier of the terminal device;

first receive means for receiving the a-second data showing the position of at least one of the first provision devices as well as the a-first data for designating the terminal device from a second terminal device;

second transmit means for transmitting a request for transmission of a third data designating a previous position and a the current position of the terminal device, along with the a first data designating the terminal device, to any of ~~the~~ the first provision devices; and

second receive means for receiving the third data designating the position of the terminal device from any of the first provision devices.

Claim 5 (currently amended): An information processing method comprising:

transmitting a request for a second data showing a the position of at least one of a plurality of first provision devices, as well as a first data designating a terminal device, to a second provision device along with a the name or node identifier of the terminal device;

receiving the a-second data showing the position of at least one of the first provision devices as well as the first data for designating the terminal device from a the second terminal device;

transmitting a request for transmission of a third data designating a previous position and a the current position of the terminal device, along with the a-first data designating the terminal device, to any of the first provision devices; and

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receiving the third data designating the position of the terminal device from any of the first provision devices.

Claim 6 (currently amended): A recording medium recorded with a computer-loadable information processing program, wherein said computer-loadable information processing program comprises:

transmitting a request for a second data showing a the position of at least one of a plurality of first provision devices, as well as a first data designating a terminal device, to a second provision device along with a the name or node identifier of the terminal device;

receiving second data showing the position of at least one of the first provision devices as well as first data for designating the terminal device from a the second terminal device;

transmitting a request for transmission of a third data designating a previous position and a the current position of the terminal device, along with the a-first data designating the terminal device, to any of the first provision devices; and

receiving the third data designating the position of the terminal device from any of the first provision devices.

Claims 7-10 (canceled)

Claim 11 (currently amended): An information processing device, comprising:

first receive means for receiving a first data designating a terminal device and a second data showing movement from said terminal device;

first transmit means for transmitting a request for transmission of a third data showing a the position of at least one of a plurality of first provision devices along with a the name or node identifier of said terminal device to a second provision device;

second receive means for receiving said third data showing the position of at least one of said first provision devices from said second provision device;

second transmit means for transmitting a request for transmission of a fourth data designating a previous position and a the current position of said terminal device, along with said first data designating said terminal device, to any of said first provision devices; and

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third receive means for receiving said fourth data designating the position of said terminal device from any of said first provision devices.

Claim 12 (previously presented): An information processing device as claimed in claim 11, wherein said first receive means receives said first data and said second data based on connectionless-mode protocol.

Claim 13 (currently amended): An information processing method comprising:

receiving a first data designating a terminal device and a second data showing movement from said terminal device;

transmitting a request for transmission of a third data showing a the position of at least one of a plurality of first provision devices along with a the name or node identifier of said terminal device to a second provision device;

receiving said third data showing the position of said at least of the first provision devices from said second provision device;

transmitting a request for transmission of a fourth data designating a previous position and a the current position of said terminal device, along with said first data designating said terminal device, to any of said first provision devices; and

receiving said fourth data designating the position of said terminal device from any of said first provision devices.

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Claim 14 (currently amended): A recording medium recorded with a computer-loadable information processing program, wherein said computer-loadable information processing program comprises:

receiving a first data designating a terminal device and a second data showing movement from said terminal device;

transmitting a request for transmission of a third data showing a the position of at least one of a plurality of first provision devices along with a the name or node identifier of said terminal device to a second provision device;

receiving said third data showing the position of at least one of said first provision devices from said second provision device;

transmitting a request for transmission of a fourth data designating a previous position and a the current position of said terminal device, along with said first data designating said terminal device, to any of said first provision devices; and

receiving said fourth data designating the previous position and the current position of said terminal device from any of said first provision devices.